**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND SYSTEM FOR THIN-SHELL FINITE-ELEMENT ANALYSIS, the specification of which:

- ☐ is attached hereto.  
☒ was filed on 1/26/2000 as Application Serial No. 09/491,353 and was amended on \_\_\_\_\_.  
☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/151,618	01/26/2000	Pending

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



## Combined Declaration and Power of Attorney

Page 2 of 3 Pages

Scott C. Harris, Reg. No. 32,030  
David L. Feigenbaum, Reg. No. 30,378  
Hans R. Troesch, Reg. No. 36,950  
Bing Ai, Reg. No. 43,312  
Samuel L. Lee, Reg. No. 42,791  
Frederick H. Rabin, Reg. No. 24,488

William J. Egan, III, Reg. No. 28,411  
Dorothy Whelan, Reg. 33,814  
John R. Wetherell, Jr., Reg. No. 31,678  
James T. Hagler, Reg. 40,631  
Richard J. Anderson, Reg. No. 36,732  
Samuel Borodach, Reg. No. 38,388  
Kenyon Jenckes, Reg. No. 41,873

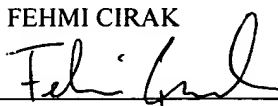
Address all telephone calls to SCOTT C. HARRIS at telephone number (858) 678-5070 ext 4321.

Address all correspondence to SCOTT C. HARRIS at:

FISH & RICHARDSON P.C.  
4350 La Jolla Village Drive, Suite 500  
San Diego, CA 92122

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: FEHMI CIRAK

Inventor's Signature: 

Date: May 8, 2000

Residence Address: 211 S. Wilson Ave. # 209, Pasadena, CA 91106

Citizenship: Turkey

Post Office Address: \_\_\_\_\_

Full Name of Inventor: MICHAEL ORTIZ

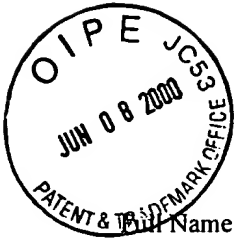
Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address: \_\_\_\_\_



**Combined Declaration and Power of Attorney**  
Page 3 of 3 Pages

Full Name of Inventor: PETER SCHROEDER

Inventor's Signature: \_\_\_\_\_

Date: 5/8/00

Residence Address: \_\_\_\_\_

883 Magnolia Ave #8, Pasadena CA 91106

Citizenship: \_\_\_\_\_

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## Combined Declaration and Power of Attorney

Page 2 of 3 Pages

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Full Name of Inventor: FEHMI CIRAK

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Full Name of Inventor: MICHAEL ORTIZ

Inventor's Signature: Michael Ortiz Date: 5/8/2000

Residence Address: California Institute of Technology

Citizenship: United States

Post Office Address: 1200 E. California Blvd/MS 105-50  
Pasadena, CA 91125

Applicant or Patentee: Fehmi Cirak et al.

Serial or Patent No.:

Filed or Issued:

For:

HerewithMETHOD AND SYSTEM FOR THIN-SHELL FINITE-ELEMENT ANALYSIS**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) — NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Organization: California Institute of Technology  
Address of Organization: 1200 East California Blvd., Pasadena, CA 91125

Type of Organization:

- ☒ University or Other Institution of Higher Education  
☐ Tax Exempt Under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3))  
☐ Nonprofit Scientific or Educational Under Statute of State of the United States of America  
 (Name of State: \_\_\_\_\_) (Citation of Statute: \_\_\_\_\_)  
☐ Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3)) if located in the United States of America  
☐ Would qualify as nonprofit scientific or educational under Statute of State of the United States of America if located in the United States of America  
 (Name of State: \_\_\_\_\_) (Citation of Statute: \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled METHOD AND SYSTEM FOR THIN-SHELL FINITE-ELEMENT ANALYSIS by inventor(s) Fehmi Cirak, Michael Ortiz, and Peter Schroder described in:

- ☒ the specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Full Name: \_\_\_\_\_

Address: \_\_\_\_\_

☐ INDIVIDUAL    ☐ SMALL BUSINESS CONCERN    ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status when any new rule 53 application is filed or prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name:	Adam Cochran
Title:	The Intellectual Property Counsel
Address:	1200 East California Blvd., Pasadena, CA 91125

Signature: Date: January 20, 2000